JOURNAL
AMERICAN ASSOCIATION OF NURSE ANESTHETISTS
VOLUME XVII
1949
INDEX
of
SUBJECTS AND AUTHORS

A

Aberg, Harriet: Revitalized equipment (note), 71

Age and anesthesia, 310 ff.

Allison, Morgan L.: Some physiologic responses affecting anesthesia, 117 ff.

Altitude and oxygen concentration, 114

Amidone, acute vascular tolerance to (abstract), 86

Analeptic drugs, 224 ff.

Anemia and cardiovascular system, 209

Anesthesia: for the aged, 310 ff.; and anoxia, 112, 139 ff.; fluid balance during, 302 ff.; legal aspects of, 59 ff., 75, 177 ff., 267 f., 332; pharmacology of surgical, 237 ff.; physiologic responses affecting, 117 ff.; relationship of general nursing and (editorial), 103; for thoracic surgery, 231 ff.; who may administer, 75

Anesthetic agents: preferred for disease entities, 57; preferred for operations, 55; table of, 51, 53

Anesthetist, free-lance, 75

Anoxia: 240; and anesthesia, 112, 256 ff.; and birth injuries, 256 ff.; and cardiovascular complications, 209; cerebral manifestations of, 137 ff., 256 ff.; physiologic effects of, 105 ff.

Apparatus: aid in filling soda lime container (note), 266; attachment to gas machine for oxygen administration (note), 73; chin support (note), 266; for inhalation penicillin administration, 32 f.; jaw support (note), 331; mask modified to accommodate gastrointestinal suction tube (note), 71; pentothal tray (note), 70; pneumotachograph, 35 ff.; protector for upper teeth (note), 266; revitalized (note), 71

Asphyxia and birth injuries, 256

B

Barbiturates: intravenous, cardiovascular effects of, 212; poisoning, use of analeptic drugs in, 228; respiratory, electroencephalographic, and blood gas changes in narcosis (abstract), 84

Berger, Olive L.: Further observations on anesthesia for the surgical treatment of cyanotic congenital heart disease, 19 ff.

Birth injuries and asphyxia, 256 ff.

Blood, effect of anoxia on, 108

Blood pressure: effect of anoxia on, 109; fall in arterial pressure produced by high spinal anesthesia in patients with essential hypertension (abstract), 186

Blood vessels: cardiovascular complications of cardiac and noncardiac surgery, 207 ff.; effect of anoxia on, 108

Book notices: American Nurses Dictionary, 284; Anesthesia in General Practice, 88; Elementary Anesthesia, 89; Endotracheal Anaestesia, 89; Fundamentals of Inorganic, Organic, and Biologic Chemistry, 342; History of Medicine, 284; Introduction to Chemistry, 286; Introduction to Physics in Nursing, 342; Neurological and Neurosurgical Nursing, 344; Nursing for the Future, 188 ff.; Obstetric Analgesia and Anesthesia, 286; Operating Room Technique, 284; Pediatric Anesthesia, 284; Phys-

iology and Anatomy, 88; Practical Physiologic Chemistry, 342; Preoperative and Postoperative Care, 286; Recent Advances in Anaesthesia and Analgesia, 89; Synopsis of Anaesthesia, 88; Textbook of Anesthetics, 88; Ward Administration, 344; Ward Management and Teaching, 344

Brain: cerebral manifestations of anoxia, 137 ff., 256 ff.; edema, and postanesthetic encephalopathy (abstract), 337 ff.

Burns, liability for, 178, 267

C

Carbon dioxide, symptoms and signs of excess, 107

Carotid sinus syndrome, 328

Chest, surgery, anesthesia for, 231 ff.

Children, anesthesia for, for plastic surgery, 297; anesthesia for surgery of cyanotic congenital heart disease, 19 ff.; anesthesia for tonsillectomy for, 25 ff.

Circulation: cardiovascular emergencies, 129 f.; and circulatory reflexes, 122 ff.

Coleman, F. C.: The Rh factor, 252 ff.

Costello, Mary A.: Anesthesia for children undergoing tonsillectomy, 25 ff.

Curare: 131 ff., 239; administration of, 133; and ether, 134; metubine iodide (note), 174 ff.; and pentothal sodium, 134; prevention of anti-curare action of epinephrine by dibenamine (abstract), 84

D

Dehydration: correction of, 305; symptoms of, 302

Demerol, acute vascular tolerance to (abstract), 86

Dodds, G. Alfred: Pharmacology of surgical anesthesia, 237 ff.

E

Ear, operations on, 299

Electricity, static, generators of, 317

Electrocardiogram in noncardiac operations, 213

Electrolytes: composition of, in gastrointestinal secretions, 306; disturbances of balance, 302

Emergencies: authorization for, 268; respiratory and cardiac, 125 ff.

Equivalents and millequivalents, 304

Erythroblastosis foetalis, 252 ff.

Ether: and curare, 134; effect on myocardium (abstract), 86

Explosions: explanation for, in anesthesia machines (abstract), 280 ff.; hazards (note), 176; hazards of compustible anesthetics, 316 ff.

Eye, operations on, 300

F

Fagarine, effect on auricular fibrillation (abstract), 84

Faulconer, Albert, Jr.: Relationship of physics to anesthesia, 43 ff.

Feil, H.: Cardiovascular complications of cardiac and noncardiac surgery, 207 ff.

Finley, Dorothy E.: Metubine iodide (note), 174 ff.

Fluid balance, 302 ff.

Fluids, parenteral, and blood plasma, 308

G

Gale, Joseph W.: Problems encountered in anesthesia for thoracic surgery, 231 ff.

Gantier, Mary A.: Aid in filling soda lime container (note), 266

Gases: definition of, 43; molecules in, 44; partial pressure of, 47; pressure of, 44; solubility of, 48; storage of, 320; and temperature, 46

Gebs, Lillian M.: Chin support for use at termination of anesthesia (note), 266

Geriatrics, anesthesia in, 310 ff.

H

Hamm, W. G.: Anesthesia for plastic surgery, 296 ff.

Harris, Harold L.: Adequate respiratory exchange, 322 ff.

Hartmann, George W.: Basic psychology of the teaching process, 13 ff.

Hayt, Emanuel: The patient must consent, 59 ff.

Head, pentothal sodium anesthesia for operations on, 325 ff.

Health insurance, compulsory, 94 ff.

Heart: anesthesia for surgery of cyanotic congenital, 19 ff.; cardiac arrest, 215, 217, 219;—use of analeptic drugs, 228; cardiovascular complications, 213; cardiovascular complica-

tions of cardiac and noncardiac surgery, 207 ff.; cardiovascular emergencies, 129 f.; disease, contraindications to surgery, 223; effect of anesthesia and noncardiac operations on cardiovascular system, 208 ff.; effect of anoxia on, 109; effect of ether on myocardium (abstract), 86; need for cardiologist in operating and delivery room, 207 ff.; surgery, 221

Hellerstein, H. K.: Cardiovascular complications of cardiac and noncardiac surgery, 207 ff.

I

Income tax, exemption of board and meals, 179

Incubators, hazards of, 321

Inhalation anesthesia, use of analeptic drugs in, 226

Intravenous anesthesia, use of analeptic drugs in, 227

K

Kemble, Elizabeth L.: Value and method of administering tests, 5 ff.

Kidneys: anatomy of, 242; effect of anesthesia on, 247; function of, 244; mechanism of oliguria during anesthesia, 245; physiologic mechanisms of, in relation to anesthesia, 242 ff.

L

Legislation: anesthesia as practice of medicine, 177; compulsory health insurance, 94 ff.

Local anesthesia, use of analeptic drugs in, 227

M

Mandible: fractures of, 300; resection of, 300

Martin, Ruth C.: Curare, 131 ff.

Mask, modified to accommodate gastrointestinal suction tube (note), 71

McQuillen, Florence A.: Cerebral manifestations of anoxia, 137 ff., 256 ff.

Morphine: acute vascular tolerance to (abstract), 86; poisoning, use of analeptic drugs in, 228

Mouth, operations on, 298

N

Neck, pentothal sodium anesthesia for operations on, 325 ff.

Nervous system, effect of anoxia on, 110, 137 ff., 256 ff.

Nose, operations on, 299

Nurses, legal aspects of selection, 177

Nutrition and cardiovascular system, 209

O

Obstetrics: pethidine in labor (abstract), 185; premedication and anesthesia in (abstract), 185

Operations: authority for, in emergencies, 62 ff.; authorization for, 59 ff.; consent for, 332; consent for minors, 67 ff.; liability for unauthorized, 59 ff.; restrictions on, 65 ff.

Oximeter, 210, 240

Oxygen: administration of, with insufflation ether (note), 174; concentration and altitude, 114; symptoms and signs of want, 107

P

Penicillin, inhalation method of administration of, 30 ff.

Pentothal sodium: 238; and curare, 134; in surgery about the head and neck, 325 ff.; tray, (note), 70

Peterson, Hazel J.: Pentothal tray (note), 70

Pethidine in labor (abstract), 185

Physics, relationship of, to anesthesia, 43 ff.

Plastic surgery, anesthesia for, 296 ff.

Platt, Lucille: Administration of oxygen with insufflation ether (note), 174

Pneumotachograph, anesthesia studies with, 35 ff.

Pneumothorax, tension, 328

Position, change of, effect on cardiovascular system, 209

Poth, Edgar J.: Fluid balance, 302 ff.

Public relations for nurse anesthetists, 198 ff.

R

Rectal anesthesia, use of analeptic drugs in, 227

Reflexes, respiratory, and respiration, 117 ff.

Respiration: adequate respiratory exchange, 322 ff.; effect of anoxia on, 110; effect of various anesthetics and decerebration on CO_2 stimulating action on (abstract) 86; irregularities of, 127 ff.; mechanics of, 231 ff.; physiologic control of, 224; and respiratory reflexes, 117 ff.

Respiratory tract obstruction, 125 ff.

Rh factor, 252 ff.

Rowell, Glenn: Hazards of compustible anesthesia, 316 ff.

S

Sass, Raymond W.: Diagnosis in relation to anesthesia, 50 ff.

Schram, Opal M.: Inhalation method of penicillin administration, 30 ff.

Schull, Larry: Respiratory and cardiac emergencies during anesthesia, 125 ff.

Schweizer, Olga: Pentothal sodium anesthesia in surgery about the head and neck, 325 ff.; Role of analeptic drugs in anesthesiology, 224 ff.

Selkurt, Ewald E.: Physiologic mechanisms of the kidneys in relation to anesthesia, 242 ff.

Shock and anesthesia, 211

Silverman, Leslie: Anesthesia studies with the pneumotachograph, 35 ff.

Spinal anesthesia: circulatory changes in, 211; use of analeptic drugs in, 227

Sponges, marking of (note), 266

Students: evaluation of, after admission, 10 ff.; selection of, 6 ff.

T

Teaching: conditions favoring superior, 18; and group dynamics, 17; interpersonal relations in, 15 ff.; methods of, 13 ff.; psychology of, 13 ff.; and socioeducational goals, 16 f.; and the teacher, 16

Teeth, protector for (note), 266

Tests, administration of, 5 ff.

Tonsillectomy, anesthesia for children undergoing, 25 ff.

U

Ureters, observations on peristalsis (abstract), 84

V

Ventricular fibrillation: 241; stages of, 216

W

Wagner, Venus: Jaw-supporting apparatus (note), 331

Watrous, Willis G.: Physiologic effects of anoxia, 105 ff.

Windham, Samuel W.: Anesthesia for the aged, 310 ff.